

## Certificate of Analysis

Date of Testing: 2023-05-18 16:58:18

Date of Next Testing: 2027-05-17 16:58:18

Product Name: **Allura Red AC**

CAS Number: 25956-17-6

Specifications & Purity: 96%

Lot #: D2327053

SKU #: **A107365**

**Analysis: 078260**

| Parameter                                                        | Limit Values                            | Result                                  |
|------------------------------------------------------------------|-----------------------------------------|-----------------------------------------|
| Purity(HPLC)                                                     | 96-100 (%)                              | 96.98100%                               |
| Appearance (A107365)                                             | Red to Very Dark Red Crystals or Powder | Red to Very Dark Red Crystals or Powder |
| Infrared spectrum                                                | Conforms to Structure                   | Conforms to Structure                   |
| $\lambda$ max, 501.0 nm (0.02 mol / L ammonium acetate solution) | Conforms                                | Conforms                                |
| Proton NMR spectrum                                              | Conforms to structure                   | Conforms to Structure                   |



John Su  
QA & QC Manager